

CLAIMS

1. Arrangement at a plug for sealing liquid- or gas-carrying pipes, comprising several slips (15) arranged peripherally on the plug, so as to allow them to be pushed up along a conical force ring (25) by means of a hydraulic cylinder (5),

5 characterized in that the slips (15) are provided with a possibly divided sliding surface (21, 21') and at least one possibly divided front (20, 23) having an angle relative to a longitudinal axis of the plug that differs from the angle of the sliding surface (21, 21') relative to the same axis.

2. An arrangement in accordance with Claim 1,

10 characterized in that the conical force ring (25) is equipped with a possibly divided sliding surface (29, 29') and at least one possibly divided front (27, 31) having an angle relative to the longitudinal axis of the plug that differs from the angle of the sliding surface (29, 29') relative to the same axis.

15 3. An arrangement in accordance with one or more of the preceding claims, characterized in that the fronts (20, 23, 27, 31) have a steep gradient relative to the longitudinal axis of the plug and that the sliding surfaces (21, 21', 29, 29') have a small gradient relative to same axis.

20 4. An arrangement in accordance with one or more of the preceding claims, characterized in that the front and sliding surfaces (20, 21, 21', 23) of the slips (15) have a shape that in a given position of the slips (15) corresponds to the front and sliding surfaces (27, 29, 29', 31) of the conical force ring (25).

25 5. An arrangement in accordance with one or more of the preceding claims, characterized in that the slips (15) comprise a slip front (20) extending in parallel with a slip end (16), as well as sliding surfaces (21, 21') that are divided by a slip recess (22) that extends in parallel with the slip front (20), where the side that faces the same way as the slip front (20) forms a step front (23) with the same direction as the slip front (20).

30 6. An arrangement in accordance with one or more of the preceding claims, characterized in that the surface of the conical force ring (25) comprises a force ring front (27) and a sliding surface (29, 29') that is divided by a force ring recess (30) extending in parallel with the force ring front (27), where the side that faces the same way as the force ring front (27) forms a step front (31) with the same direction as the force ring front (27).